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## No Carrier: ECF Discontinues Modem Access

by Julian Dunn COMP 0T0

The Engineering Computing Facility is discontinuing its problem-plagued modem service at the end of this term, forcing students to use the library's UTORDial service for Internet and ECF access.

In a message-of-the-day announcement posted last Friday, ECF administrators announced that the modem pool and the two terminal servers will be switched off on June 1. In recent months, general student discontent with the often-fickly modems has increased, and recently a student expressed his aggravation with the instability of the service by sending a mass-mail to all electrical and computer engineering students on ECF. ECF Unix manager Phil Poulos could not be reached for comment before press time.

Students have also been angry at the facility's lack of full graphical Internet

connectivity, and the low number of high-speed modem connections available. At the end of the spring 1997 term, ECF administrators installed a program called "slirp" which emulates a PPP (Point-to-Point Protocol) connection, so students could use graphical Internet programs from home, but usage of slirp was hindered by the error-prone modems.

This is not the first shutdown of modem services. Two years ago, ECF decided to discontinue modem services because Internet access is available through the library, but backtracked on the move after heavy student protest. ECF student employee Andrew Pavaic told the Cannon that at the time, "it was demonstrated that some students benefitted greatly from flat rates and could work quite comfortably on programming assignments at available speeds." Pavaic

also said ECF is simply not in a position to compete directly against services offered elsewhere at the University. He recommends that disgruntled users who find ECF's services unsatisfactory to consider the library's UTORDial dial-in service, available from the front desk of the Engineering Library or from Roberts Library. The service gives students 20 free hours per term, with a charge of \$0.50 per hour thereafter.

Students who have already paid for summer modem access can get their \$25 back at the end of the term from the ECF office in GB154. ECF administrators also suggest students obtain an e-mail account from the library through the UTORMail service. For more information, see the Scotiabank University of Toronto Information Commons homepage at <http://www.infocommons.utoronto.ca/>

### Special Feature:

## International Exchange Programs

by Teresa Huang GEO 9T9

Within the university, there are many students from other countries on an exchange program. These students, often here alone, have to adapt to a foreign language and a different way of living. The Cannon has interviewed some of these students to find out about some of the more interesting differences between our two cultures.

There are quite a few students from France, where the education system is very different. There are generally two paths to get into an engineering school. At the very least, every student must pass an entrance exam, and then the school (university equivalent) selects students based on their high school performances. The high schools in France take three years to complete: students may choose to enter a "general" high school or a technical one if one has a particular inclination for applied sciences.

First method: The universities are also divided into a more general type (very much like our faculty of arts and science) and specialized types, such as their technical schools (IUT). After two years of university, students receive a "license" that is like a diploma and enhances one's probability of getting employed, but one may further one's education by attending three more years of university to obtain a full degree. In France, engineering is offered in separate schools from the other more general arts and science program.

Second method: Only about 5% of the engineering students in France would have gone through the IUT. The other 95% of the students go through what are

"... French students have always had textbooks lent to them [and] seeing Canadian students write in their textbooks has been quite a cultural shock."

known as "preparation classes". There are 2 grueling years of intense training which prepare students for the competitive exams which are required to get into engineering schools. The courses offered are very

theoretical in nature with a lot of math, physics, chemistry, and both French and English. Every week, students go through a series of tests and oral exams, testing their technical knowledge, communication skills, and their

ability to think on their feet. The student's efforts during the first 2 years are tested in the final competitive examinations offered by the various engineering schools in May. Due to the different schedules of the schools, students basically spend the entire May writing the different exams offered by the different schools to which they have applied. If one somehow does not perform well, all the effort of the past 2

years would pretty much go down the drain. One can take the tests again for a second time in the following year, but not after that.

The contrasts between the Canadian university system and the French system affect the way students behave. Unlike Canada, France provides free university education and students are not required to purchase their own textbooks. As a result, the Canadian students behave more like consumers demanding that professors keep a high standard in their courses. Also, since the French students have always been either given course notes or had textbooks lent to them, seeing Canadian students highlight and/or write in their textbooks has been quite a cultural shock to some of the French exchange students here. In addition, the students in France seem to display a higher degree of respect for the teaching staff. Classroom etiquette seems to be more regarded in France than in North American classrooms. Perhaps paying tuition has given us a false sense of righteousness.

See also: "Une année en France", p. 9



Exchange students in Canada (l-r): Eric, Ann, Luc and Andreas.

# the Cannon

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## PLEASE NOTE

*The Cannon* is a medium through which undergraduate engineering students can express their opinions. The views expressed herein are those of the author and do not necessarily represent those of the editors or the Engineering Society unless so indicated.

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## Editorials

### Shooting At The Wrong Target

by Julian Dunn COMP 0T0

The recent National Days of Action protest sounded like a good idea. Students were to protest against rising tuition, and to demand a national system of grants to supplement the student loan system. A bit idealistic, but nevertheless a good idea. Students can and should stand up against ridiculous tuition hikes, and the resulting mass of debt-ridden graduates. Governments are the root cause of the problem, because when they reduce the amount of money they give to universities, universities in turn have to raise tuition to maintain services at reasonable levels.

However, for reasons unknown, the protest wildly mistargeted those responsible for our rising tuition and ensuing student debt. This year, students descended on the intersection of King and Bay, in the heart of the financial district, which was just absurd. Organizers of the rally decided to blame the banks for rising student debt load. They claim that because students who need loans must obtain them from banks, who in turn make record multi-billion dollar profits, that banks are "out to get" students and take us for all we're worth. Not only this, but banks are supposedly collaborating with the governments, pressuring them to raise tuition so students will have to seek out additional funds from banks. Essentially, what they allege is a government/private sector conspiracy.

This is absolute nonsense. Why are people all of a sudden getting upset that banks are making money? Isn't that what they're supposed to be doing? Nobody seems to cry and moan when other private-sector companies make money. Certainly banks make money off students, as they make money off their other customers. But most of their money-making customers are large corporations, because those companies have the most money to invest. Students are just small-fry to the banks; in fact, student loans are much riskier for banks, because of the high number of students



The LGMB at the recent Days of Action protest (they were only there for the free food)

who eventually cannot pay. If you want a bank that will not use its profits for huge executive salaries, go get an account at the Metro Credit Union.

Why was the protest targeted against the financial sector, anyway? After all, they don't reap any benefit from rising tuition rates. Those rates are imposed by the university (who we should be protesting against), and universities set their fee structure depending on how much money they receive from the government (who we should be protesting against too). True, the protest did swing by Queen's Park, but not for long, perhaps due to what happened at the Days of Action two years ago, where protesters stormed the building and demolished the lobby. Anyway, it seems that the organizations that should have been the target of this protest were not targeted, and blame for student debt is unfairly heaped upon the financial sector. I guess they are the scapegoat of the day, seeing as how the Harris government has stopped listening to howls of protest from anybody.

This just proves one of the points I made in my December editorial. It only takes a handful of passionate but misguided individuals to whip up support for an issue among a group of people who are essentially willing to be angry about anything. In this case, students' vehemence against tuition hikes and rising debt was directed towards the wrong target. Such a shame, because every time students have a chance to make themselves heard, we always seem to blow it in one way or another.

### Arrogance killed the modem pool

by Gina Seto ENG SCI 9T9

Calling all computer engineering students: our lifeline, our vessel of communication, is soon to be cut!! As ECF's final judgement (to cut modem access completely) flashes out to faithful and dismayed users who log in, perhaps we should be thinking about why this is all happening in the first place.

It is happening because some people decided they weren't getting enough with their modem access. Their solution? They flamed (sent incendiary e-mail to) the ECF administrators, and invited everybody else to flame along with them.

And of course, being the computer literate, e-mailin' badasses that we computer engineers are, we have to tools to carbon copy our messages to everybody around us about how underprivileged we are, or how poorly we are being treated just because we are not given the high tech candy we crave.

When I came into the first year, e-mail was a veritable phenomenon for me. My scattered high school friends were just keystrokes away, and if I wanted to, I could chatter to my classmates online all day all night. My first flame mail came to me at the end of first year, and was a total shock to my senses. What an incredibly rude message! This coming from a complete stranger who didn't even bother to check out the facts of the situation before sending off his little pet diatribe! He ended up accusing

me of exemplifying horrible things (Eng Sci elitism, for one) and he said it with venom and self-righteousness and most of all... ARROGANCE.

Out there in the newsgroup world, flame mail is commonplace. I know of a recreational kungfu mailing list that got so bad with the name calling and outright threats that a new newsgroup was formed (the moderated version) so that the subscribers who wanted to discuss in peace, could.

I see that flame mail development is fairly strong here at UoT engineering. I only have to look at my class newsgroup to find several egotistical, belittling pieces of mail.

How do people get so petty? And how do those petty voices dominate? Maybe e-mail is the perfect medium for people to indulge in their self absorbed ideas. It is low commitment, low risk medium. Post and run, if you like. Delete messages from your inbox with impunity. You may never actually have to meet the person you are disrespecting.

Does respect not apply when you are using the "tools of the future"?

Sliigh, no more modem access. Looks like I'm going to have to come to school more often to do my assignments, e-mail, and extracurricular work. It'll be like first year, when connecting to ECF through modem was more or less impossible.

## Upcoming Cannon Dates

Writer's Meeting February 12, 6:30 p.m. in Eng Com

Article Submissions Deadline February 24

Cannon Layout February 27-28

Next Issue Monday, March 2 (during election week)

Visit our website at <http://www.cannon.skule.ca/> for more info  
New staff always welcome! E-mail [cannon@skule.ca](mailto:cannon@skule.ca) for details

## The Toike and Tradition in Engineering

by Tina Piper ENGSCI 978

Student advisory: Readers beware! The following contains explicit and offensive commentary on engineering, though it evokes the atmosphere I have experienced for four years. After reading the last issue of the Toike, I asked myself the question: should a humour newspaper be funny? The answer seems obvious, but with that in mind, I read through past editions and noted some glaring trends.

The editors of the Toike demonstrate how much they really don't care about the 'Artsies' by constantly referring to them. "Scor(n)ing is done on a five star scale. For artsies that's the number after four." (maybe they were reminding themselves?). I counted the word 'ass' four times within one page. Maybe the author has unresolved personal issues that could be addressed more privately? The editor's blabbering about imaginary things the BFC has done and his rants about Zarcon, his friend, the squirrel have a paranoid schizophrenic touch.

Misogynist (woman-hating) comments and clipart from the Toike are the norm not the exception and are almost exclusively of a sexual nature. Maybe the editor wants to convince himself that everybody regards sex as a panty-sniffing, Internet porn-downloading activity. Hence he refers to the 'letters to the editor' section as Godiva's Box (an obvious reference to a woman's vagina just in case you missed it) and asks important questions like "How do I get into your box?" and "Why do some girls have large protruding nipples like jumbo Nerds." These letters are from our engineering colleagues F.Ornicate, Hugh G. Rection and Manny Dayswithoutsex.

What strikes me as interesting about the Toike is the extent to which life imitates art (pardon the broad use of the term). The 'clever' use of "I.I.T." to describe the Toike Investigative Team reminds me of times when the word "TIP" (a type of transistor) would collapse the all-male electronics lab in giggles, causing me to wonder what was

wrong with my breasts. To 'blow' an op amp had the effect of a live sex chat on these susceptible creatures.

Be careful of the 'Flrisk her for a day' feature which shows an unidentified hand up the front of a female's shirt supposedly during the 'Ffrosch for a Day' event. During a first year engineering activity I was summarily groped by an engineer who obviously thought that flrisking frosch clotch was socially acceptable. But that was shades of decorum lower than the T.A. who, concerned about the status of women in engineering, asked me to a movie in return for higher marks on a quiz. When I complained to my engineering counsellor I was referred to an underground network of females in senior years who had been through the same thing. So I wasn't just unlucky.

Some universities have mandatory training for their T.A.'s, to tell them this sort of behaviour is wrong (U.B.C. for example). UoFT Engineering, though, spends money on the Toike.

As a female in engineering, I have unwillingly been given the task of convincing people that 'No really, I do have emotions that don't relate to my menstrual cycle' to 'Yes really, females can use simple tools'. In addition to being menstrually challenged, I am sexually deviant (according to one of my male classmates I am a lesbian) and follicularly impaired (I dyed my hair).

The Toike makes a powerful, EngSoe-funded statement, about engineers to the rest of the campus (it is placed in the lobbies of Sig Sam, Sid Smith, Med Sci, and Roberts). The editor of the Toike laments "I can't remember the last time that one article in that rag [the 'varshitty' as he calls it] was about the most spirited and contributing faculty...". The editor should check his facts. In three recent issues of the Varsity I have noted two front-page articles dealing directly with engineering students. The most recent, "U of T student caught with child porn", described how the student pleaded leniency because he

did well in his Christmas exams. Another was "Student caught in credit card scam", and my personal favourite, "Engineer rugby team: vulgar traditions persist", where the engineering rugby team sang songs with the lyrics "gang bang her gang bang her" in the Arbor Room, undressed and sang more songs about bestiality.

How appropriate, then, is it to include the Faculty of Engineering in the Great Minds, Great Futures campaign? According to Prof. Moscovits of chemistry, "U of T is the greatest intellectual centre of Canada... with the university celebration of great minds, we wanted to show what universities can produce." Well not much, at least if you're talking about engineering students, Prof. Moscovits. With convicted porn downloaders, credit card swindlers, illiterate newspaper editors, and violent, misogynistic rugby teams, it seems that the Faculty of Engineering has to take a serious look at educating its students as opposed to just teaching them.

Too many things go on in this Faculty that are continued in the name of tradition. Whose tradition? The ethnic and sex make-up of the Faculty has changed dramatically since virile White Boys roamed the halls, dated eager nurses, threw up beer in their laps, and entered floats in homecoming parades. Maybe the thought of Lady Godiva provoked primal stirrings in hairless pre-pubescent 40 years ago. The name, though, derives from an Anglo-Saxon, masculine heritage, not shared by at least 50% of the faculty that is female and/or non-white. According to SAC representative Ian Pierini who is in charge of UoFT homecoming, the homecoming parade was stopped years ago. Yet engineers persist in building a float. To take part in their own parade I guess. They call this spirit. I call it bizarre.

The Toike and engineering rugby team excuse their activities as 102-year old traditions. I'm sure strict Moslem, Sikh, and other non-drinking students relate fundamentally to the traditional frosh



beer songs, just as females enjoy the idea of dating the vast number of male nurses (get real!). Calling something a tradition doesn't justify it; it just means you've been doing the same stupid thing for over a century. The construction of floats for imaginary parades, drinking songs for students who don't drink, a humour newspaper that isn't funny and an obsession with a group that theoretically does not exist allows the Faculty to ignore real issues of ethnocentrism, misogyny, and ethics.

Tradition is part and parcel of engineering navel gazing. The concept of public service which is entrenched in medical and law school volunteerism is noticeably absent in the Great Faculty. Oh yeah, we shone shoes during frosh week like everyone else, and give ourselves money during GRADitude. We don't volunteer at engineering aid clinics for the homeless. Engineering public service consists of engineers imparting their vast intellectual resources, with typical social aptitude, upon grateful 'Artsies', who lavish them with fame, respect, and fortune. Maybe you've noticed this doesn't happen. Engineers enjoy each other, but when co-mingling, are often avoided like terminal cases of halitosis. Ever wonder why? Maybe it's the entrenched ignorance of the traditions, the lack of respect for difference, and most significantly, blatant self-interest that make engineers so attractive.

So instead of just writing articles that sound angry, I'm going to law school next year to learn how to sue.

## Cum (With) Me

by Ilan Kelman ENGSCI 976+M

My article in the November issue of The Cannon originally included the phrase "fantasy-cum-reality". Regrettably, The Powers That Be (TPTB) beyond the authority of The Cannon editors thought that the phrase might be misconstrued by The Cannon's erstwhile audience and suggested that it be edited out. The editors agreed. When I queried as to the specific nature of the problem, the news was gently broken to me that TPTB thought I was using "cum" as a colloquial expression for the sexual act "have an orgasm".

My first reaction was incredulity which was soon replaced by curious bemusement. Naturally, I had already okayed the change of phrase to "fantasy-become-reality" which conveys the intended meaning, but my conversations with TPTB did induce (purely intellectual) thoughts about the situation. I first considered the relationship of "cum" to "have an orgasm", and after checking a dictionary to ensure that my grasp of contemporary English—and its illustrious Latin roots—was adequate, I was certain that "cum" can indeed be used non-sexually. Anyway, considering that the venerable *Globe and Mail* used "cum" non-

sexually on November 17, 1997 and February 4, 1998 (et al.—a phooey, another latin phrase to be misconstrued in a sexual context), it must be okay to do so.

Thus, to have made such a ribald connection, it seemed to me that TPTB had honourable intentions which were slightly misguided. An assumption was made, leading to a rather silly conclusion without even considering an exploration of the fallacious (and fellatious) assumption.

But if it happened once, it could happen again and all writers should consider this possibility. Writing for "The Cannon" would be fraught with danger. Articles about crime should avoid using "penal" and descriptions of Oscar Peterson could not use "pianist", for fear of generating in the reader's fertile mind a forbidden image of certain male genitalia which shall remain nameless. Words such as "organism" and "organize" would be deleted, in case they sounded like "cum".

Flashing through my mind were lyrics from the musical "Hair" (what type of hair?) which satirize society's embarrassment and misconceptions about words describing sexual acts. The scene strips away (oops, sorry) the barriers between language and thought, demonstrating such descriptive

words to be merely...well...descriptive words, which can be used positively in certain contexts. But overwhelming "Hair" was "Doonesbury", the American political comic strip which, in the late 1980's, featured a man selling a "Condo" to amorous couples, which is safe by a whisker—or, rather, by an "m"—from a similar, but nevertheless evil word.

As an interesting aside, I am curious to know if TPTB ever purchase products from a certain German electronics company and whether TPTB ever use the punctuation marks ";" and ".". I am also rather amused that in my November article, "cum" was contentious while "nipples harden" was permissible.

But anyway, the unfortunate mantra "Alligator"—the strains of which waft throughout Skule™ during the annual Autumnal Ritual of Mass Orientation—illustrates the pits reminiscent of Poe into which writers can involuntarily descend. No more articles about violins or religious sects. Sports columns about ball games would be forbidden. Modern American history would be eschewed in case Richard Nixon was mentioned. Use of his nickname "Tricky Dick" would result in soap

scrubbing the offender's mouth.

Day-to-day talk would become extremely hazardous. Erecting a building would be impossible without immature titers, I mean laughter. My years of calling my dog in public parks must make most of the neighbourhood think that I am somewhat perverted. Even the names of our beloved "Cannon" editors must be avoided. The first name of one of our editors should not be uttered at any cost, particularly after words such as "guava" and "java". The possible interpretations for "Julian Dunn" make me shudder. I won't even attempt to touch (the names of) TPTB.

In the end (of my thought processes, not an act between two consenting adults which might have arisen (oops again) from that seemingly innocent phrase) TPTB have offended me by their comments. Not so much in the insinuation that my mind is not particularly clean, which is nonetheless libelous, but rather in the allegation that I would stoop so low as to make such a hideous and unnecessary pun as cum-meaning-both-with-and-have-an-orgasm.

Cum on; I have much more cummon sense than that.

# Skule™ News

## CESA Celebrates Year of the Tiger

Student Association hosts new year's lunch, other events

On January 28<sup>th</sup> the Chinese Engineering Students Association celebrated Chinese New Year by holding their annual Cultural Square Festivities in the Atrium of Sandford Fleming. This year, being the year of the tiger, brings great expectations and many challenges to those born under this astrological sign. As usual CESA provided a great atmosphere for those interested in learning more about the Chinese culture. For those who love the taste of Chinese Food there was no shortage of delicious goodies to satisfy many eager appetites. In addition to the food, CESA invited a fortune teller and also provided calligraphy lessons for those interested in writing Chinese. The biggest attraction of the day was probably the traditional lion dance ceremony that

closed off the Chinese New Year Celebrations. As usual they put on a great show and earned much applause from the many people watching the ceremony.

### 24-Hour Famine

by Vivian Ho ENG SCI OT1

On Friday Nov 21, CESA (Chinese Engineering Students' Association) held a 24-Hour Famine to raise money for Pelletier Homes for the Youth, an organization which provides long term care to homeless girls between 12 to 18. After a (VERY) big lunch, 25 participants gathered in the Eng Sci Common Building and began starving themselves. Time passed by quickly as our engineers engaged themselves in a variety of activities. Net surfing, mahjong, video marathon and Monopoly were a few. Participants were grateful when the famine finally ended with a free lunch the following noon. Pizza, fried rice, and salads were



Peace man! It's rice!

gone in no time.

Aside from the "slight" complaint of hunger, everything went well. A total of \$765 was raised through the event. Proceeds will be used to buy a second hand computer for the children at Pelletier.

Many thanks goes to Mr. Phillip Edghill, who was brave enough to lend the newly renovated building to a group of STARVING engineers. Thanks also to the following generous sponsors:

Hong Kong Restaurant  
Moshi Moshi  
Druxys'  
Club Cue One  
Cultures  
Sogo  
241 Pizza

McDonald's  
Shoppers' Drug Mart  
Roger's Video

Congratulations to all participants for a job well done!

### Upcoming CESA Events

Feb. 13 Valentine Rose sale (SF cafe)

Feb. 15 Snooker Contest

The contest is held at Club Cue One. The prize has yet to be determined but it looks promising.

Feb. 16 Blue Mountain Ski Trip

Cost is \$40 including equipment rental. Sign up now!

Feb. 19 Bowling Tournament (World Bowl)

## NEWS BRIEFS

### New VP Activities Appointed

After Joe McNamara's resignation due to academic reasons, Rono Sinha has been elected as Eng Soc's new VP Activities for the balance of the school year. Sinha was acclaimed in a by-election which took place at the full council meeting on January 27th.

### LGBTOUT Organizes "Jeans Day" In Support of Queers at UofT

In response to the recent defacing of "Gay and Lesbian Positive Space" posters by an unknown individual, LGBTOUT (Lesbians, Gays, Bisexuals & Transgendered at UofT) has designated February 12 as Jeans Day in support of the lesbian, gay, bi and transgendered community at the University. LGBTOUT asks students to wear jeans on that day to stress that people are free to be and to express who they are without persecution, regardless of their identity. They will be holding a rally outside Simcoe Hall on that day, featuring music and special speakers.

## Professional Awareness Conference Coming

by Tharsiny Balasubramaniam ENG SCI 9T9

Come out and attend the annual Student Professional Awareness Conference (S-PAC) to be held on Saturday, February 14, 1998 from 10:00 a.m. to 3:00 p.m. in Sandford Fleming Building Room SF1105.

Introduced in 1979, S-PACs are student organized conferences that focus on the transfer of "non-technical" knowledge from professionals to students. This year, we have prominent speakers from leading companies to discuss their experiences of professional awareness issues of concern to students and young engineers.

Tickets will be sold till February 13 between 12:00 p.m. and 2:00 p.m. in the IEEE office in the basement of Sandford Fleming



Recent Mech design projects exhibited

building. Ticket prices are as follows:

IEEE member: \$ 5.00

Non-Member: \$ 8.00

Ticket money is purely used to cover the cost of lunch. Furthermore, IEEE

student branch is subsidizing the lunch as well.

For more information, e-mail the ieee at [ieee@ecf](mailto:ieee@ecf).

### SCHEDULE OF EVENTS

## S-PAC '98 University of Toronto

10:00 Welcoming Address

Dr. Sawfat Zaky, Chair of the Department of Electrical and Computer Engineering

10:15 Presentation from Gabby Silberman, Director for Centre of Advanced Studies, IBM Canada

11:00 Presentation from Dave McDonnell, Canadian Technical Computing Marketing Manager, Hewlett-Packard Inc.

11:45 Presentation from Bobby John, President, Caught In the Web Inc.

12:30 Lunch

1:30 Presentation from Dr. Monique Frize, Joint Chair for Women in Engineering, NSERC / NORTEL

2:15 Questions, Discussion and Door Prizes

2:45 Closing Speech

3:00 Refreshments

## Be a Guide for March Break Tours!

by Carole Song ENG SCI 9T9

Interested in being a tour guide by expounding your knowledge of the UofT campus and engineering? Then come help out on March 16-18! (that's Monday through to Wednesday)

### The agenda:

Monday, March 16 → 9am-8pm

Please don't start panicking!! We only need you for whatever time you can donate, we don't expect you to give up your entire day!! This is the day where each program gives one hour talks throughout the day to high school

students and parents from around the GTA.

Tuesday-Wednesday,  
March 17-18 → 12-1pm

Give a general tour about the campus and answer any questions your charges may have about everything and anything!

If you're interested in helping out, please e-mail Deirdre Stanton (High School Liaison Co-ordinator) at [stanton@ecf](mailto:stanton@ecf) or myself at [highschool@skule.ca](mailto:highschool@skule.ca)

Thanks!!! :)

# Cannonball 9T8



Pictures (clockwise from top):

- 1) Sally Atalla, Heather White, Diana Ferrari, Aryn Pyke
- 2) Ryan Morris & Heather White
- 3) Jen Stephenson, Thad Nettleton, Colin Knowles, Tim Christie
- 4) Steve Ekstein & Leslie Ferguson
- 5) Luisa & Beau

# EngSoc Elections

## Engineering Society Election Rules

1. Election Week shall be the first full week of March (March 2nd - 6th, 1998).

2. Nominations shall open at 9 am on Monday February 9th, 1998 and close at noon on the Friday immediately preceding Election Week (February 27th, 1998).

3. Each candidate shall present a nomination form containing the signatures of twenty-five (25) Society Members, an acceptance of nomination and a bond of ten dollars (\$10). The bond shall be returned if the candidate withdraws with good cause or is not disqualified, upon removal of all campaign material.

4. Campaigning shall not commence until 9.00 am on the Monday of Election Week (March 2nd, 1998) and shall close at 9.00 am on the Thursday of Election Week (March 5th, 1998). Posters only may be erected during non-polling hours on Thursday March 5th and Friday March 6th, 1998. For the purpose of distribution of the Election issue of the Cannon or Toike Oike, statements made therein will not be considered to be advance campaigning.

5. Each candidate's name may appear on a maximum of two hundred (200) posters of maximum size 8.5 inches by 11 inches. Posters associated with a candidate or in any way related to the candidate's election campaign must clearly bear the surname of the candidate.

6. Each candidate may post up to two (2) banners, total maximum area of four (4) m<sup>2</sup>. Banners associated with a candidate or in any way related to the candidate's election campaign must clearly bear the surname of the candidate.

7. Posters and banners shall not be erected in the Engineering Society Offices or the Engineering Stores, excepting posters erected by the Chief Returning Officer (CRO) for the purpose of advertising the elections.

8. Posters and banners may remain erected from commencement of campaigning until 5.00pm on the Monday after Election Week. Failure to remove posters and banners by that time will result in loss of bond.

9. Candidates shall submit a statement to be published in the Election Issue of THE TOIKE OIKE or CANNON by noon on Friday February 27th, 1998. Any written material must be wordprocessed using WordPerfect or similar program and submitted on a disk that is IBM compatible with a hard copy of the material; photographs must be black and white positives. Each candidate shall be limited to two hundred and fifty (250) words and a single photo.

10. The facilities and resources of the Engineering Society shall be made equally available to all candidates for their campaign during regular office hours only, with the provision that

Society business shall take precedence over campaign business. The Office facilities shall not be used for campaign business outside office hours. Use of the dark room shall be coordinated by the Communications Chairman.

11. The CRO shall have sole authority to advertise Election Week.

12. The Society shall reimburse expenses of up to \$ 15.00 per candidate, provided that the candidate receives over 10% of the votes cast for his/her election and receipts are provided.

13. The polls shall be open from 10.00 am to 5.00 pm on the Thursday and 10:00 am to 3:00 pm on the Friday of Election Week (March 5th and 6th, 1998).

14. Except for the purpose of personally casting a ballot, candidates may not linger in the vicinity of the polling station. CRO has the authority to remove campaign material located within 10 feet of the Polling Station

15. Elections shall be held by secret ballot. Candidates will be listed by sought position in alphabetical order of surname. Balloting procedure will be posted at the polling station.

16. Each candidate may have one scrutineer present when the ballots are being counted. Counting of the ballots will be conducted on the Friday of Election Week after polls close. Once the ballot boxes have been unsealed, no person shall leave the counting room until the final results have been tabulated. The official results must be posted in the Engineering Society Offices by noon on the Monday following Election Week.

17. Each candidate shall be personally responsible for the conduct of his/her campaign and his/her committee. The Society shall not accept liability for any actions of the candidates or their committees.

18. The CRO and two Deputy Returning Officers (DRO) appointed by Council shall be responsible for enforcing the rules as stated. Punitive actions which could be taken are:

- (1) warning the offending candidate
- (2) disqualification (if the candidate is deemed, by the CRO and at least one of the two DRO's to be in persistent or flagrant violation of election proceedings.)

19. A disqualified candidate shall not be permitted to run in a by-election for the same position, should the vote be declared invalid. Any complaint regarding election procedural irregularities shall be made in writing to the CRO by 5 pm on the Tuesday following Election Week. A written reply by the CRO shall be made no later than 24 hours after the complaint was received.

20. Complaints about the work of the CRO may be brought before the

## NOTICE OF ELECTIONS AND REFERENDUM

**Referendum for Temporary Special Levy and Engineering Society Elections for the 1998 - 1999 term of office for the following Engineering Society positions will take place on:**

**Thursday March 5th, 1998  
and Friday March 6th, 1998**

**President**

**Vice-President: External**

**Vice-President: Finance**

**Vice-President: Activities**

**Secretary/V.P. Internal**

**Polling Station open 10am - 5pm Thursday and  
10am - 3pm Friday  
in Sandford Fleming Atrium**

**Nomination forms available in EngSoc**

**Students will be asked:**

**"Do you support the continued collection of \$100 per year, per student fee, for the next two years to be used as a special fund for improvements to your undergraduate education which will be controlled by the Engineering Society with advice from the Dean of the Faculty of Applied Science and Engineering under the conditions outlined in the Election Issue of the Cannon?"**

Engineering Society Council.

21. All appeals of the decisions of the CRO must be presented to the Engineering Society Council. This meeting of Council shall be held on Tuesday 24th March, 1998. Appeals of the decisions of the CRO may be made only by a candidate.

22. Other than through personal campaigning, class visits, posters and banners as specified above, and the statement in the Election Issue of THE TOIKE OIKE or CANNON, there shall be no other forms of campaigning through printed or electronic media. No material of a sexist or obscene nature shall be used.

**UNIVERSITY OF TORONTO  
NEW GRADUATE PROGRAM IN**

## ARCHITECTURE

A new MASTER OF ARCHITECTURE program begins in September 1998. This is a 3 1/2 year professional degree available to individuals with a Bachelor of Arts, Bachelor of Science, or Bachelor of Applied Science degree.

APPLICATIONS FOR 1998, INCLUDING CONSIDERATION FOR SCHOLARSHIPS, MUST BE RECEIVED BY MARCH 1. Information about the program and the application package should be obtained well in advance from the School of Architecture and Landscape Architecture at 230 College Street, Toronto, Canada. 416 978 5038, fax 971 2094.

**www.sala.utoronto.ca**

Approval from the University of Toronto Governing Council and the Ontario Council of Graduate Studies is pending.



**Toronto Comedy Festival**

**A "Steaming Heap O' Comedy Productions"**

**Presents an evening of Stand-up Comedy! Hosted by Arie Kizel**

**Tuesday February 17<sup>th</sup>, 9 pm**

## Officer Job Descriptions

from the Constitution of the Engineering Society

### 7. OFFICERS

7.0.1 The Officers of the Society shall be the President, the Vice-President: External, the Vice-President: Finance, the Vice-President: Activities, and the Vice-President: Internal, all of whom shall be elected by the Members.

#### 7.1 President

7.1.1 Any Member who has not previously held the Office of President is eligible for election to the Office of President provided that the Member is 18 years of age or older and will be registered in the Fourth Year of their Undergraduate program in Applied Science and Engineering in the September of their term of Office.

7.1.2 The President shall be the Chief Executive Officer of the Society responsible for giving direction to the Society.

7.1.3 The President shall have the power to call meetings of Council pursuant to the provisions of Clause 4.11.1.

7.1.4 The President shall preside at all meetings of the Executive Committee of Council.

7.1.5 The President shall be a voting Member of all Standing and Special Committees appointed by Council.

7.1.6 The President shall serve as the official representative of the Society on all suitable occasions.

\*7.1.7 The President shall be specifically responsible for the Academic Affairs - E.F.C.R. Committee, the Computer Committee, the Climate in Engineering Committee, the Fourth Year Committee and the Women's Issues Committee.

7.1.8 The President shall have such other duties as may pertain to the Office.

#### 7.2 Vice-President: External

7.2.1 Any Member who has not previously held the Office of Vice-President: External shall be eligible for the Office of Vice-President: External provided that the Member is 18 years of age or older.

7.2.2 The Vice-President: External shall assist the President in the discharge of the President's duties and shall deputize in the event of temporary necessity.

\*7.2.3 The Vice-President: External shall be responsible for all matters external to the Society as well as selected internal activities as determined by the Officers.

\*7.2.4 The Vice-President: External shall be responsible for ESSCO and CCEs.

\*7.2.5 Any members of the Society who attend a conference at the Society's expense must post a bond of \$20.00 before leaving. Upon their return a written conference report must be submitted within two weeks where upon which the bond will be refunded.

\*7.2.6 The Vice-President: External shall be specifically responsible for the Employment Committee, the High School Liaison Committee, the Professional Development Committee and the Communications Committee.

7.2.7 The Vice-President: External shall be a voting Member of all Standing and Special Committees appointed by Council.

7.2.8 The Vice-President: External shall serve as the official representative of the Society in the absence of the President.

7.2.9 The Vice-President: External shall have other such duties as may pertain to the Office.

#### 7.3 Vice-President: Finance

7.3.1 Any Member who has not previously held the Office of Vice-President: Finance is eligible for election to the Office of Vice-President: Finance provided that the Member is 18 years of age or older.

7.3.2 The Vice-President: Finance shall assist the President in the discharge of his duties and shall be responsible for overseeing the Society

\*7.3.3 The Vice-President: Finance shall be responsible for overseeing all financial

and administrative affairs of the Society.

7.3.4 The Vice-President: Finance, in conjunction with the Executive Committee, shall prepare three budgets for Council Approval:

a. a Spring Budget presenting a general overview of the planned financial priorities which shall be presented to the first Council meeting after the Joint Council meeting;

b. a Fall Budget containing detailed projections of planned revenue and expenditure which shall be presented at the second Council meeting of the fall term; and

c. a Winter Budget derived from the Fall Budget and revisions based on actual revenue and expenditures which shall be presented at the January Council meeting.

Any revisions of the Society's budgets must be approved by Council.

7.3.5 The Vice-President: Finance shall serve as the official representative of the Society in the absence of the President and Vice-President: External.

7.3.6 In accordance with The Corporations Act of Ontario, the Vice-President: Finance shall keep, or cause to be kept, proper books of account and accounting records with respect to all financial and other transactions of the Society and, without derogating from the foregoing, records of:

a. all sums of money received and disbursed by the Society and the matters with respect to which receipt and disbursement took place;

b. all sales and purchases of the Society;

c. the assets and liabilities of the Society; and

d. all other transactions affecting the financial position of the Society which books and records shall be kept at the Head Office of the Society and shall be open to the scrutiny of any Member of the Society upon request.

7.3.7 The Vice-President: Finance shall be responsible for the security of the financial records of the Society and for reporting the expenditures of the Society's funds in accordance with the budget approved by Council.

7.3.8 The Vice-President: Finance shall be responsible for security of the Engineering Society offices and to investigate any irregularities should they arise.

7.3.9 The Vice-President: Finance shall oversee the operation of the Engineering Stores.

7.3.10 The Vice-President: Finance shall make a report, at all regular meetings, to Council and to the Executive Committee of Council of the Society's financial position including:

a. a comparison of actual income and expenses pertaining to the budget; and

b. a statement of expected income and expense.

7.3.11 The Vice-President: Finance shall, within the two weeks following each May 31st, submit the Society's accounts and the year-end financial statements to the Auditors and shall present the Auditor's Report at the Annual General Meeting of the Members in October.

7.3.12 The Vice-President: Finance shall have such other duties as may pertain to the Office.

7.3.13 The Vice-President: Finance shall be a voting Member of all Standing and Special Committees appointed by Council.

#### 7.4 Vice-President: Activities

7.4.1 Any Member who has not previously held the Office of Vice-President: Activities shall be eligible for the Office of Vice-President: Activities provided that the Member is 18 years of age or older.

7.4.2 The Vice-President: Activities shall assist the President in the discharge of the President's duties and shall be responsible for overseeing the Society,

7.4.3 The Vice-President: Activities shall chair the Orientation Review Committee which will conduct a review Orientation, to be completed by December. It will be composed of at least a student survey and written report to be presented to the Engineering Society Full Council and the Faculty.

7.4.4 The Vice-President: Activities shall be responsible for all social and athletic events of the Society in addition to other events shared with the Vice-President: External.

7.4.5 The Vice-President: Activities shall be a voting Member of all Standing and Special Committees appointed by Council.

7.4.6 The Vice-President: Activities shall serve as the official representative of the Society in the absence of the President, the Vice-President: External and the Vice-President: Finance.

\*7.4.7 The Vice-President: Activities shall be specifically responsible for the Blue and Gold Committee, the First Year Committee, the Orientation Committee and the Social Committee.

7.4.8 The Vice-President: Activities shall have such other duties as may pertain to the Office.

#### 7.5 Vice-President: Internal

7.5.1 Any Member who has not previously held the Office of Vice-President: Internal shall be eligible for the Office of Vice-President: Internal provided that the Member is 18 years of age or older.

7.5.2 The Vice-President: Internal shall assist the President in the discharge of the President's duties and shall be responsible for overseeing the Society.

7.5.3 In accordance with the provisions of the Corporations Act of Ontario the Vice-President: Internal shall keep, or cause to be kept:

a. a copy of the letters patent and of any supplementary letters patent issued to the Society;

b. all By-laws and special resolutions of the Society;

c. a register of Members in which are set out the names with addresses, alphabetically arranged, of all persons who are or who have been within the preceding ten years, Members, Ex-Officio Members and Affiliate Members;

d. a register of Councillors in which are set out the names, addresses and callings of all persons who are or have been Councillors of the Society together with the several dates on which each became or ceased to be a Councillor.

7.5.4 The Vice-President: Internal shall issue notices of meetings of the Members, of the Council and of the Executive Committee of Council and shall prepare an agenda for each meeting and shall take, or arrange to have taken and preserved in a minute book kept for that purpose, full and accurate records of the minutes of the Full Council and the Executive Committee of Council.

7.5.5 After approval thereof by the Members, the Council, or the Executive Committee of Council, the Vice-President: Internal and the President shall sign the minutes of the previous meeting.

7.5.6 The Vice-President: Internal will also be responsible for maintenance of the Society's bulletin boards and the procurement of refreshments for all Council meetings.

7.5.7 The Vice-President: Internal shall be specifically responsible to co-ordinate the membership of the Standing Committees pursuant to Sub-Section 5.2 (Membership)

7.5.8 The Vice-President: Internal shall be specifically responsible to administer year-end reports by all outgoing Appointees and Executive Committee Members at the end of their term of Office. These year-end reports are to be presented at Joint Council, to ensure continuity and to ensure an ongoing review of these Offices.

7.5.9 The Vice-President: Internal shall serve as the official representative of the Society in the absence of the President, the Vice-President: External, the Vice-President: Finance and the Vice-President: Activities.

\*7.5.10 The Vice-President: Internal shall be specifically responsible for the Web Site Committee

7.5.11 The Vice-President: Internal shall

have such other duties as may pertain to the Office.

#### 7.6 Bonding

7.6.1 The President, the Vice-President: External, the Vice-President: Finance, the Vice-President: Activities and the Vice-President: Internal shall be bonded.

#### 7.8 Officer Accountability

7.8.1 At the Full Council meeting in September each Officer shall present a report of their objectives and duties and the progress of the committees for which they are responsible.

7.8.2 At the beginning of the first half of the Joint Council Meeting in March the Officers shall be held accountable for the past year; each officer shall present a detailed report to the Society outlining the fulfillment of the Officer's objectives and duties and the Committees under the Officer.

#### APPLICABLE AMENDMENTS \*

[Italicised & Underscored implies words that have been added]

[Strikethrough implies words that have been eliminated]

#### From Section 4.2.3: Term of Office

The term of office for [—] the President, the Vice-President External, the Vice-President Finance, the Vice-President Activities, and the Vice-President Internal shall be the period from the beginning of the second half of the Joint Council Meeting immediately following the elections in March to the end of the first half of the next Joint Council Meeting in the next following year

7.0.2 The Officers shall have the power to call a Meeting of the Members pursuant to clause 8.1.2.

#### 7.1 President

7.1.7 The President shall be specifically responsible for the Academic Affairs - E.F.C.R. Committee, the ~~Computer Committee~~, the ~~Climate in Engineering Committee~~, the ~~Fourth Year Committee~~ and the Student Issues Committee ~~Women's Issues Committee~~.

#### 7.2 Vice-President: External

7.2.3 The Vice-President: External shall be responsible for all matters external to the Society as well as ~~selected internal activities as determined by the Officers~~ any other duties that pertain to the office. This shall include liaising with all external organizations of which the Society is a member.

7.2.4 ~~The Vice-President: Internal shall be responsible for ESSCO and CCEs.~~

7.2.5 ~~Any members of the Society who attend a conference at the Society's expense must post a bond of \$20.00 before leaving. Upon their return a written conference report must be submitted within two weeks where upon which the bond will be refunded.~~

7.2.6 The Vice-President: External shall be specifically responsible for the Employment Committee, the High School Liaison Committee, and the Professional Development Committee ~~and the Communications Committee.~~

#### 7.3 Vice-President: Finance

7.3.3.1 The Vice-President: Finance shall be responsible for approving all financial transactions.

#### 7.4 Vice-President: Activities

7.4.7 The Vice-President: Activities shall be specifically responsible for the Blue and Gold Committee, the First Year Committee, the Second Year Committee, the Third Year Committee, the Orientation Committee and the Social Committee, the LGMB, and the Chief Auditor.

#### 7.5 Vice-President: Internal

7.5.10 The Vice-President: Internal shall be specifically responsible for the Communications Committee and the Web Site Committee

7.5.12 The Vice-President: Internal shall be the Secretary of the Corporation.

# Levy Fund

## Engineering Students' Temporary Special Levy Proposed Agreement

On behalf of all full-time students registered in the Faculty of Applied Science and Engineering, the University of Toronto Engineering Society proposes that a temporary Special Levy be levied upon full-time undergraduate students registered in the Faculty of Applied Science, subject to the following eight provisions:

**Provision 1:**

The amount of the temporary special levy shall be \$100.00

**Provision 2:**

a) The term of the temporary special levy shall be a maximum of two years

b) These years shall be the academic school years of 1998-99 and 1999-2000

**Provision 3:**

The special levy shall be reviewed by the Engineering Society Council in the spring of 1999 and again in the spring of 2000. Review shall consist of a presentation to the Engineering Society Council of the expenditures which have occurred in the academic year.

**Provision 4:**

Each department shall, with advice from their students, request expenditures from the Special Levy fund through the Engineering Society. Authorization for

expenditure shall be made by a special committee of the Engineering Society with advice from the Dean of the Faculty of Applied Science and Engineering. The committee shall include at least the President, the VP Finance, and the departmental club chairs.

**Provision 5:**

The temporary special levy shall cease to exist after the 1999-2000 school year unless the levy is continued by an agreement of full-time undergraduate students by referendum.

**Provision 6:**

The temporary special levy shall be used to purchase equipment which will enhance the quality of undergraduate education in the Faculty of Applied Science and Engineering.

**Provision 7:**

The temporary special levy shall be collected by the University of Toronto with all regular fees for the 1998-99 and 1999-2000 school years, and shall be passed to the Engineering Society in a separate bank account.

**Provision 8:**

The nature and implementation of this agreement is absolutely contingent upon all of the preceding provisions.

## Supporting the Fund

*Michael E. Charles, Dean of Skule™*

The Voluntary Special Levy has been a feature of Skule since 1982. Every year, every engineering student has generously contributed \$100 directly towards the enhancement of the undergraduate experience.

There is no tax or overhead on the Levy! In fact, when I became Dean in 1993 I was able to convince the Provost to match the Special Levy by adding \$50 to give a total of \$150/student.

With about 2800 students registered (not including students on PEY), this initiative generates a fund of some \$420,000 per year which is used for the improvement of undergraduate laboratories and other projects approved by students through the auspices of Eng Soc. This fund is now the largest single fund available for this purpose and is used exclusively for the undergraduate programs in the Faculty.

Renewal of the Special Voluntary Levy

has been approved from time-to-time by referendum. In March the Engineering Society will be holding such a referendum and I urge you to vote "yes". In so doing, you will be continuing the fine tradition established by your predecessors. Engineering students have always led the way in spirit and new initiatives on Campus. Let's stay ahead!

You will be interested to know that Alumni donations have increased dramatically since the levy was introduced. It is a great sales pitch when we can say to our grads "The students give \$100 per year, how about you?" So you can see that the levy sends a strong message to our alumni when we ask them for support.

On behalf of all my colleagues, and Departmental and Divisional Chairs and Institute Directors in the Faculty, I record our appreciation of your unique efforts to maintain the high quality of our programs.

**Frosh Nite II  
Friday the  
13th**

(February 1998. That is)

**Gradball  
Tickets will  
be available  
from Your  
Local Club  
Chair starting  
on February  
9th, 1998**

There are  
thousands of  
things  
to do at the  
Athletic Centre

*make your New Years Resolution a Healthy One*

**Active@UofT**

UNIVERSITY OF TORONTO

ATHLETIC CENTRE

## Une année en France

par Cristina Gulesiu ENGSCI 978 et Aleksandra Bozic EHGSCI 978

During the 96-97 school year, we had the incredible opportunity to participate in an exchange program between Ontario and Rhone-Alpes.

We studied at the Ecole Nationale Supérieure d'Électronique et Radioélectricité de Grenoble (ENSERG), one of nine schools of the Institut National Polytechnique de Grenoble (INPG). Situated in the South-East of France in the cradle of the Alps, we were also in close proximity to the Côte d'Azur, and compared to the vast distances of the Canadian countryside, the entirety of Europe was at our feet.

Spending a year in France favored us with a taste of a schooling system different than the predominant North American one. On the one hand, we had a lot more freedom during the semester, and the ability to manage our time the way we wanted, but on the other hand, the constrictions occurred at the end of the semester when we had to face 100% exams. We relied on the lecture notes provided for each course, and on our own problem solving in the tutorials to make up for the lack of periodic quizzes and assigned textbooks, learning methods that we were used to at home.

Being exposed to a separate culture and way of life gave us the ability to contrast and compare two systems, thus enriching our perception of things we were once familiar with, and had grown to take for granted. This year abroad strengthened our ability to cope with things such as administrative troubles and conflicts; we did not only acquire the fluency of a different language, but also the fluency of interpersonal skills in international relations, something that is indispensable in today's world.

À la prochaine!

## Study Far, Far Away

(For up to one academic year)

In Caen, Grenoble, Singapore, Stuttgart,  
Swansea, or the West Indies.

For details see the student calendar or email [venter@ecf](mailto:venter@ecf)

## Engineering Awards

### 1. Engineering Society Award

awarded to a member of the graduating class who has:  
a) exhibited leadership and character during his/her four years.  
b) served on the Eng. Soc. during any of his/her four years  
c) achieved good academic standing

### 2. Skule™ Cannon Award

awarded to a member of the graduating class who has:  
a) exhibited leadership and character during his/her four years in the society  
b) served as an Executive member but not as an officer of the Society  
c) achieved good academic standing

### 3. Engineering Society Semi-Centennial Award

\$100 is awarded to a third year student who has served the Society in some manner and who passes his/her year.

### 4. Engineering Society Centennial Award

\$100 is awarded to an active member in first or second year who passes his/her year

### 5. Class of '56 Award of Merit

a scholarship (amount dependent on the amount of interest generated since the investment of the endowment) awarded to an active member in first year who has  
a) exhibited leadership and character during his/her first year  
b) excelled academically

### Qualifications for awards 3, 4 and 5

- a) general school activities
- b) contributions to the Eng. Soc. Council
- c) Social and athletic activities

### The L.E. (Ted) Jones Award of Distinction:

This is presented to a graduating student in the Faculty of Applied Science and Engineering who has achieved distinction in his or her Academic Program while making a significant contribution in the musical field during the years at University.

NOMINATIONS FOR THE L.E. JONES AWARD ARE DUE TO THE ALUMNI OFFICE

Nominate somebody, or even yourself, if you feel that it applies to you.

NOMINATIONS ARE DUE IN THE FOURTH YEAR COMMITTEE MAILBOX  
IN ENG. SOC. BY FRIDAY, FEBRUARY 27TH AT NOON

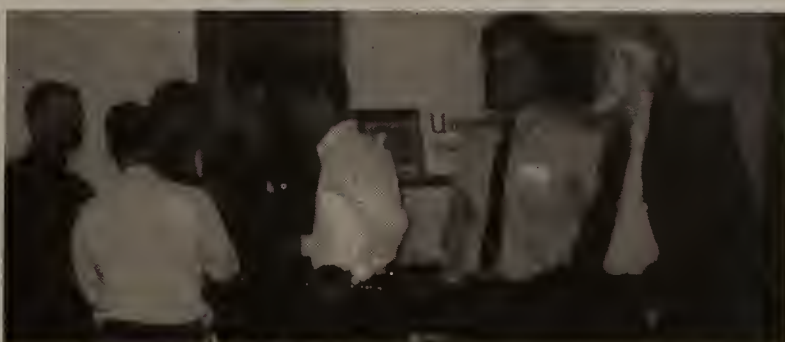
NOMINATION FORMS ARE AVAILABLE IN THE ENGINEERING SOCIETY

Questions? e-mail: [fourthyear@skule.ca](mailto:fourthyear@skule.ca)

## CUBE Members Wine & Dine, Cheese & Sneeze



Twist and shout!



We actually came for the free solidified milk.



How do I drink the wine? Let me count the ways...

# The Career Centre Has A Lot More For You Than Just Jobs

by Julian Dunn COMP 070

"There's more than the Career Centre offers than just job postings." This was the message that career officer Ron Wener gave at a recent Career Centre reception, where engineering and computer science student leaders were shown some of the (unfortunately underused) resources offered by the centre.

Wener wants to encourage students who simply wander in, read the job postings, and walk out, to use some of the many resources and workshops the centre offers. Wener admits that students may be scared off by the "information overkill out there", and wants students to know that despite the wealth of information that the centre offers, it is all organized logically, and the centre's staff are friendly and always willing to help students find what they're looking for.

The centre's resources are focussed in four main categories: discovering your skills and options, identifying work opportunities, marketing yourself for the workplace, and managing your worklife. Wener acknowledged that students are probably most interested in the second and third, and to that end, he arranged a tour of the Career Resource Library.

Many students do not know what or where the Career Resource Library is (it's located at the top of the stairs at the back of the centre), or may be too intimidated by all the binders, books, clippings and vertical files. However, as Wener demonstrated, it is a very powerful tool, both for locating work opportunities, and to find information on companies to better market yourself to them.

Everything in the library is classified by a "NOC Code", but engineering students need only keep one code in mind:

"NAT", for Natural and Applied Sciences. On the left hand side of the library (just as you enter it), there is a shelf full of red and green binders, among them, some labelled "NAT". The red binders give an overview of the career area, including sample job descriptions, job prospects, salary ranges, and pointers to other resources. Accompanying the red binders are black binders containing past job postings in the field, to give students an idea on what kinds of companies hire engineering students, what qualifications they expected, and expected salary ranges. These binders are excellent for finding specific leads.

Perhaps the books behind the counter are the most valuable of all—they are kept there because they are in such high demand. Many of these books are giant compendia of companies who hire engineering/computer science students; one such tome is "Peterson's 1998 Job Opportunities for Engineering and Computer Science majors", which lists job descriptions for particular companies who are currently hiring, how to apply, salary information, and other useful data. Other books that sound promising are "Jobs for Engineers: What's Hot" and "The Electronic Sourcebook".

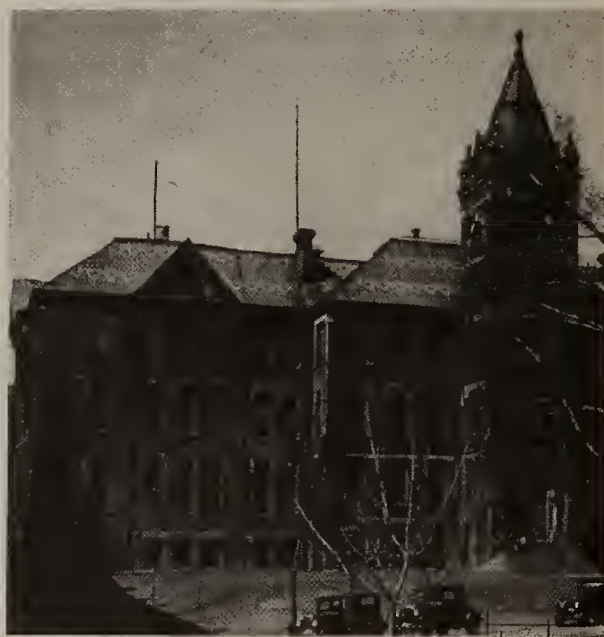
Obviously, it is impossible to cover all of the resources available in the Career Resource Library or in the Career Centre. The Career Centre staff encourage you to take time to investigate the services at the Career Centre, including the many seminars they offer, résumé critiquing, mock interviews, the Extern Program, and much more. For more info on these programs, drop into the centre or visit their website at <http://www.utoronto.ca/career/>.

## February Fun at the Career Centre

All activities take place in the Career Centre Seminar Room unless otherwise noted.

|    |      |                                            |                                                                                                                                            |
|----|------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 11 | Wed  | 10:00-1:00pm<br>2:00-3:00pm                | Learn How to Approach Employers Workshop<br>Extern Orientation Session                                                                     |
| 12 | Thur | 1:00-3:30pm                                | Résumé and Covering Letter Seminar                                                                                                         |
| 13 | Fri  | 10:00-12:00pm<br>2:00pm<br>3:00pm          | Summer Job Search Seminar<br>Recent Graduates Employment Orientation<br>Graduating Students Employment Orientation                         |
| 14 | Sat  | 10:00-1:00pm                               | How to Identify Work Opportunities Workshop<br>(at the Career Centre Resource Library)                                                     |
| 16 | Mon  | 11:00am<br>2:30-5:30pm                     | Recent Graduates Employment Orientation<br>Discovering Your Skills and Options Workshop                                                    |
| 17 | Tue  | 10:00-1:00pm<br>4:00-5:00pm<br>5:30-8:00pm | Learn How to Approach Employers Workshop<br>Extern Orientation Session<br>Interview Techniques Workshop                                    |
| 18 | Wed  | 11:00am<br>1:00-4:00pm                     | Graduating Students Employment Orientation<br>How to Identify Work Opportunities Workshop                                                  |
| 19 | Thur | 10:00-12:00pm<br>2:00-4:30pm               | Summer Job Search Seminar<br>Résumé and Covering Letter Seminar                                                                            |
| 20 | Fri  | 2:00pm<br>3:00pm                           | Recent Graduates Employment Orientation<br>Graduating Students Employment Orientation                                                      |
| 23 | Mon  | 11:00-1:30pm<br>5:00pm                     | Résumé and Covering Letter Seminar<br>Recent Graduates Employment Orientation                                                              |
| 24 | Tue  | 10:00-1:00pm<br>3:00pm                     | How to Identify Work Opportunities Workshop<br>Graduating Students Employment Orientation                                                  |
| 26 | Thu  | 10:00-1:00pm<br>2:00pm<br>3:00-5:00pm      | Interview Techniques Workshop<br>Recent Graduates Employment Orientation<br>Focus on Management Consulting<br>(in the Robert Gill Theatre) |
| 28 | Sat  | 10:00-1:00pm                               | Discovering Your Skills and Options Workshop<br>(at the Career Centre Resource Library)                                                    |

# Skule™ At 125



The Olde Red Skule™ house: Where Engineering began at UofT

## 6T9's Words of Wisdom

by Bob MacCollum, 6T9 ELEC, President Engineering Alumni Association

The approach of spring brings with it examinations and, for the fourth year classes, the moments they have been working towards—an iron ring and graduation.

Shortly, it will be our pleasure to welcome the Class of 9T8 (or the class of 9T7 + PEY) into the ranks of Alumni. You will join over 25,000 other grads of our Faculty. The end of your studies is really just another beginning and your memories of Skule™ will be life-long as will the friendships that developed while you were studying.

I urge you plan now to keep in touch with your Classmates and friends once you leave Skule™. Organize your Class so that you can have regular get-togethers once you have left. This may not seem important in the winter of '98, but time spent now will pay dividends for many years to come. Don't wait until April when there won't be time. Be sure to keep the Alumni office advised of your current address so we can keep you advised of what's happening.

I'm sure by now you have been exposed to the Class of 3T5—sponsors of the 3T5 Second Mile Award. This Class has met regularly over the years and still meets monthly for lunch at Yorkdale. They are both a role model and an inspiration to virtually all other classes in our Faculty and indeed the whole University. One of the secrets of their success has been sharing organizational responsibilities amongst many in their Class. Take a lesson from them: organization has nurtured lifelong friendships as they celebrate the 63<sup>rd</sup> Anniversary of their graduation this spring. Imagine how much easier it will be for your Class to keep in touch with e-mail and the web.

In the case of our Class of 6T9, members are literally spread around the world and represent a real cross-section of the profession and of society. Many have left the engineering profession but have built strong, rewarding and successful careers on the foundation that was established here. Our formal reunions have become

less frequent as the years have progressed, but we all are looking forward to our 30<sup>th</sup> in 1999, which is not that far away.

At our Class reunions, talk always turns to the good times we had at UofT. Our year was quite spirited and the pranks that occurred while we were undergrads often made headlines that then Dean Ham would much rather have not seen. Perhaps the most embarrassing of all was the LGMB opening of the East-West Bloor subway in 1966. It was held at the Bay station at noon on a Monday—the first work day that the Subway was in service after opening the previous Saturday. All was fine until the emergency power switch was activated, allegedly by an overzealous TTC employee. Unfortunately, the disruption impacted the evening rush hour much to the chagrin of Toronto commuters. It took a lot of explaining over the next weeks by many in EngSoc and in the Faculty Office.

The highlights of the autumn season were always the Saturday afternoon football games—although few in attendance really watched that closely. The "big four"—Toronto, Queen's, Western, and McGill fought it out annually much to our delight. In 1967, the LGMB visited EXPO '67 in Montréal as part of the McGill football weekend. Several cars on the Friday afternoon CN train were chartered as hundreds from UofT descended on Montréal for their annual French lessons, amongst other things. It was always a weekend to remember. Somehow, the train ride home was always more reserved than the trip there.

On reflection, it is difficult to remember how hard we studied and how diligently we completed those labs and projects. One of the real lessons you have to learn when you study, is to achieve the balance between working hard and having fun. It's a lesson that will serve you well for many years in the future. I hope each of you is taking advantage of the diverse opportunities that UofT offers. I wish all of you good luck in your studies and look forward to meeting you at Alumni events.

The excerpts in the article on the right are quoted from Early Engineering Education at Toronto 1851-1919 by C. R. Young (University of Toronto Press) and are from the School of Practical Science Act of 1873, along with some tidbits of the history of Skule™.

January 23, 1873: Adam Crooks (of the legal profession) introduced and read "An Act to Establish a School of Practical Science". The establishment of the School was suggested "for practical education in such arts as mining, engineering, mechanics and manufactures" as designed to "promote the development of the mineral and economic resources of the Province, and its industrial progress."

March 29, 1873: The "Act of Establish a School of Practical Science" was approved and instituted in Ontario "for instruction in mining engineering, and the mechanical and manufacturing arts. In connection there was to be a museum of geology and mineralogy, with other branches, in order to afford aids for practical instruction and illustrations of the mineral and economic products of the Province..."

the only studies that might be considered as in the arts category, namely those that would 'promote a knowledge of the physical sciences'."

Early 1885: The founding of the Engineering Society formed by undergraduates of the School (including its constitution and by-laws).

"The Engineering Society has undoubtedly played an important role in the self-development of the engineering student body at Toronto, and as liaison, in facilitating the administration of the School and the Faculty that succeeded it. Valuable technical papers and addresses have been given, not only by outside engineers of eminence, but, particularly in the earlier years, by students themselves. The problem of wide diversity of technical interests was met by the organization of constituent clubs, each of which is, in general, concerned with a particular branch of applied science. The publications of the Society have been of professional as well as social value and the co-operative sale of student supplies lightens the financial burdens of students not a little. Engineering undergraduates at Toronto have a joint pride in their own organization, the oldest engineering society of continuous existence in Canada."

## Silly Sally Slackly Sullies Slicks Slyly

by Sally Atalla MECH 917 + PEY & ENG SOC PREZZY

Hello there to fellow engineering-type-people!!! We have been working hard both in and out of the beloved offices of EngSoc on both traditional ideas and new initiatives.

As far as tradition goes, Frosh Nite II and the Iron Ring Countdown Party will be happening just before Reading Week. Of course, the Iron Ring Countdown Party means that the Iron Ring Ceremony (clink!! clink!!) and Gradball (who-hoo!!) will follow shortly thereafter. It is also time for award nominations to recognize those who go above and beyond the call of duty. Please take a few minutes to fill out a nomination form. Forms for the intention to run for (1998-1999) EngSoc President or a Vice-President are also available; elections will be around the same time as the Iron Ring Ceremonies. Skule™ Nite (the annual musical-comedy revue) will be starting up as well, so keep your eyes and ears open for this and more!!

Regarding new initiatives, several people have been working on ideas regarding the 125th Anniversary of Skule™. I've been working with Seema (the Engineering Career Officer) and giving her feedback on the new Engineering

Career Office. If you have any ideas, please drop by SFB760 or e-mail career@ecf and let her know what you think.

Probably one of the biggest things we were working on this year was the restructuring of EngSoc. For a long time, people have had ideas and opinions about how the Society can improve the way it serves the students. So, instead of just talking about it, we took action. We had decided that the major ways to accomplish this were to try restructuring and to improve the way we communicate to the students. Unfortunately, we ran out of time. Now what?? The people involved put together several recommendations, and will be working with next year's Executive during the summer so that some new ideas can actually be implemented by the fall.

In this issue or with EngSoc, be sure to check out important details on Iron Ring; Gradball; Nominations for 1st, 2nd, 3rd, and 4th year awards\*, "E" Awards, & 125 Leadership Event\* (\*All nominations are due by Friday, February 27 at noon); EngSoc Intentions To Run for Prez or a V-Prez; The Levy Fund Referendum; and Frosh Nite II.

## What do you think Teresa is Doing in This Universe?

by Teresa "I'm Normal" Huang GEO 919

A familiar melody is floating in the air. "Ode to Joy" played satirically on a mandolin? Or maybe it was on an acoustic guitar. The busker is standing there alone at the end of a tunnel, expressionless, with all these masses of people, including myself, rushing by frowning, cold and seemingly unfeeling. I thought the situation almost comical, in a sick kind of way. A lot of people would die if the ground were to subside in downtown Toronto, during rush hour.

There I was sitting alone in the cafeteria with a lab manual, reading the same paragraph for the 7th time. The words prance around in my head without really registering. Remembering how I used to be self-conscious about being alone, perhaps I feared being looked upon as a reject. Right in front of me, quite an animated conversation is taking place; the man is audibly talking about marriage-related subjects with a middle-aged woman. He is telling her that women in engineering are not good girlfriend material. Being surrounded by men all the time, he believes, makes the girls "full of

themselves".

Another person got pushed down onto the subway tracks the other day—the fourth one since last summer. This is becoming a trend. Perhaps it is a hidden desire in human nature to test the barrierless danger, almost seductively calling out, "Jump me!!" Like the famous lemmings' footage. Someone supposedly threw them off the cliffs, too.

I guess one is always slightly in love with one's good friends. Be it in the most innocent ways, perhaps this feeling is better off concealed. Unless you are like siblings already, in which case the situation may be a tad Wasaga-ish. How does one develop trusting friendships when one gets older? When one is younger, it was obviously easy. One may naively hang around with people, and half a decade later, you have got yourself some great friends. How do you know that the people whom you meet in adulthood don't have a passion for betrayal or sheep?

I just spent the last half hour drooling on myself. Superficiality is almost a luxury at times.

## The Skule™ 125 Event

by Victoria Hadden, Office of the Dean

One hundred and twenty-five graduates of Skule™ who are past and present CEOs, and 125 of Skule™'s student leaders of tomorrow will be honoured in a spring celebration event commemorating the 125th anniversary of the Faculty.

The event will include a reception and dinner to be held Tuesday, April 7, 1998 in the ballroom of Toronto's Four Seasons Hotel. As the 125 CEOs will be honoured for their tremendous contribution to business, industry and the profession, 125 engineering students will be recognized for their outstanding academic and leadership abilities.

Both undergraduate and graduate students will be selected to receive the honour of hearing guest speaker Dr. Michael Treacy, one of the world's most

successful and sought after experts on business strategy and corporate transformation. He will talk about the importance of engineers as technological entrepreneurs in the global marketplace. Dr. Treacy is an IND 7T8 graduate and international author of "The Discipline of Market Leaders", a book which has been on the New York Times bestseller list and sold more than half of a million copies.

Undergraduate students are encouraged to fill out a nomination form to nominate peers whom they see as tomorrow's leaders. Forms are available in the Engineering Society and should be submitted to the Alumni Office (GB173) by Friday, February 27, 1998 at noon. Successful nominees will be notified by March 6 and will receive an invitation to the leadership celebration.

**19 Days  
Iron Ring  
Countdown Party  
Friday February 13th  
1998**

**Time : 8pm**

**Place: Spy Bar, 2049 Yonge St.**

(a block north of Yonge and Eglinton)

**Admission: \$4.00**

**Dress code in effect! (i.e no blue jeans)**

# Valentine's Day Greetings!

220 pounds of real man!  
Can also last for a whole  
30 seconds. Call 923-057:)  
and ask for P.

Derek, my hunny bunny, will you  
be mine?  
Carole Song

I love you Oliver. Happy  
Valentines day. Leave her...  
That anonymous eng sci...

靚仔帥哥

Dear AC

Watching from afar,  
Loving dreams  
Drift through my mind's eye.

Under lock and key,  
Is my secret desire.  
If only you could see,  
How dear you are to me

On this day, I dare to say..  
"I think and dream of you,  
I long to be with you"

Look within, look  
without,  
Look around, look about.  
I will always be near...

Your secret Valentine

ANAGKH

ABEL :)

To Speedy,  
As the wind blows through your  
hair,  
I dream of your gentle touch  
constantly.  
Like a summer rain "falling down"  
I wonder will you be mine.

Love UVic

Dearest ID,  
Here's to a great relationship  
That can only get better.  
Happy Valentine's Day.

Cheers,  
CK

Dear Blueberry,

Your love is as sweet as sugar,  
Your touch as soft as silk.  
When I'm with you  
'c'est tout bon'

UofA

To: GINO  
FROM: Your Lover

I miss you babe and I can't stop  
thinking about you. I'll reveal my  
identity in class on Monday.

Love ?????

To Karen Caputo:

I love thee, love thee!  
Tis' all that I can say;  
It is my vision in the night,  
My dreaming in the day.

CS

Ahraroo Steven.

You tell the best secrets.  
I'll be yours until butter flies.  
And even after that.  
Always, Amanda

To X:

Just remember: potential is  
measured in KV.

CL

To a nerd.  
Something more cryptic.  
I like the font thingy.

From the other side of the  
Universe.

To T:

skule.ecf% slirp me  
Hool

To the stars and back! J&N

Dear Miss X:

Even though you're far away, I'm  
thinking of you. I miss you so  
much :-(

J.

To Russia and Germany,  
May our alliance lead to world  
domination.

Austria-Hungary

To all of them nice people:  
Happy Valentine's Day !!  
I love you all !!  
Sally



To all them not-so-nice people:  
I see you when you're  
sleepin'.  
I know when you're awake.  
I know when you've been  
bad or good.  
So PLAY NICE !!  
Santa Claus & Woody the  
Cowboy & Sally



Honey, it's your honey. Thanx for  
being such a pal for the last year  
and a half. You are a truly  
amazing individual... I love you!

Other Half, it's odd being away  
from you for more than 1 day at a  
time.  
Just wanted to tell you during the  
Valentines season that I love  
you...

Fat... despite of all your absent-  
mindedless... numerous fat pei hai  
incidents... I love you... Wai

Happy Valentine's Day everyone!  
Virk

Birds, trees, clouds and flowers bright  
I'd never know but for your light.  
If not for you, I'd be instead  
Cold. Lost. Empty. Lifeless. Dead.  
Though joy of touch we'll never know,  
Ever towards my love I go:  
A sea of stars, for me just one.

From a planet to its sun.

this month @ skule™

|                            |                                             |                                                                        |                                            |                              |                                                                                 |                                         |                 |
|----------------------------|---------------------------------------------|------------------------------------------------------------------------|--------------------------------------------|------------------------------|---------------------------------------------------------------------------------|-----------------------------------------|-----------------|
| February 8                 | 9                                           | •Exec. Committee Meeting 6pm GB202<br>•Job search seminar 4:30pm MC102 | 10                                         | 11                           | 12                                                                              | 13                                      | 14              |
|                            | Gradball tickets available from club chairs |                                                                        |                                            |                              | Eng Sci Valentine's Smoker                                                      | Frosh Nite II Iron Ring Countdown Party | Valentine's Day |
| 15                         | 16                                          | 17                                                                     | 18                                         | 19                           | 20                                                                              | 21                                      |                 |
| Reading Week ... whoo hoo! |                                             |                                                                        |                                            |                              |                                                                                 |                                         |                 |
| 22                         | 23                                          | 24                                                                     | 25                                         | 26                           | 27                                                                              | 28                                      |                 |
|                            | Submissions deadline                        | Full Council Meeting 6pm GB221                                         | Professional Development Seminar 5pm MC254 |                              | •Deadline for award submissions<br>•Ont. Engineering Competition Feb 27 - Mar 1 | Layout weekend                          |                 |
| March 1                    | 2                                           | 3                                                                      | 4                                          | 5                            | 6                                                                               | 7                                       |                 |
|                            | Election Week Campaigning starts            | Prof. Evals!                                                           | Iron Ring                                  | Iron Ring                    | Canadian Engineering Competition                                                |                                         |                 |
|                            |                                             |                                                                        |                                            | Eng Soc Elections/Referendum |                                                                                 | National Engineering Week Event         |                 |